

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-312165

(43)Date of publication of application : 02.12.1997

(51)Int.Cl.

H01M 8/04

H01M 8/10

(21)Application number : 08-150506

(71)Applicant : AQUEOUS RES:KK

(22)Date of filing : 23.05.1996

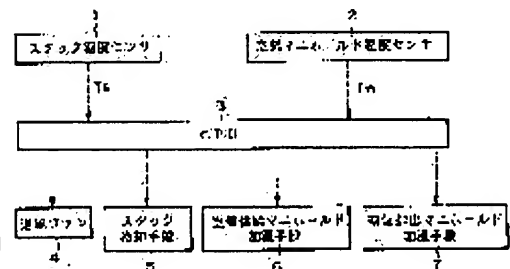
(72)Inventor : UENO MASATAKA
NAKAJIMA YUTAKA
SHIRAISHI KOICHI

(54) FUEL CELL GENERATING DEVICE AND OPERATING METHOD THEREOF

(57)Abstract:

PROBLEM TO BE SOLVED: To maintain the output constant by monitoring the stack temperature of a high molecular solid electrolyte fuel cell and the air manifold temperature, and while controlling these temperature so that a temperature difference between them exists in the predetermined range.

SOLUTION: Stack temperature T_s measured by a stack temperature sensor 1 and air manifold temperature T_m measured by an air manifold sensor 2 are input to a CPU 3. The CPU 3 compares the stack temperature T_s with the air manifold temperature T_m , and on the basis of a result of this comparison, the CPU 3 selectively controls operation of a temperature adjusting means such as a blower fan 4 for leading the air to an air supplying manifold, a cooling means 5 for cooling a stack, a heating means 6 for heating an air supplying manifold, and a heating means 7 for heating an air discharge manifold.



LEGAL STATUS

[Date of request for examination]

BEST AVAILABLE COPY

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office